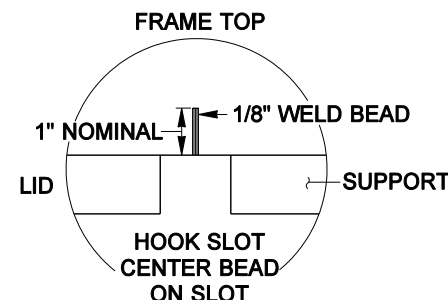
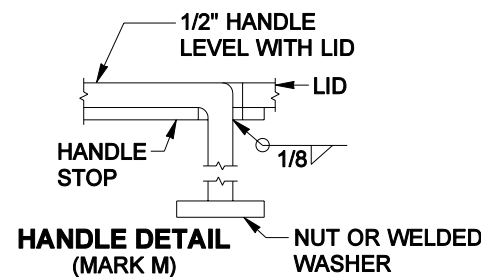
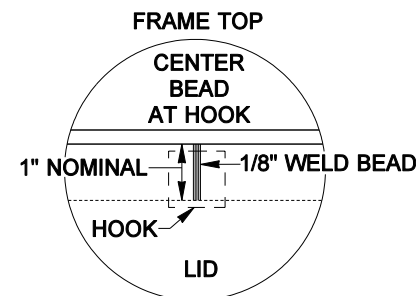
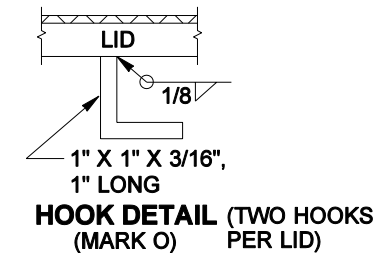


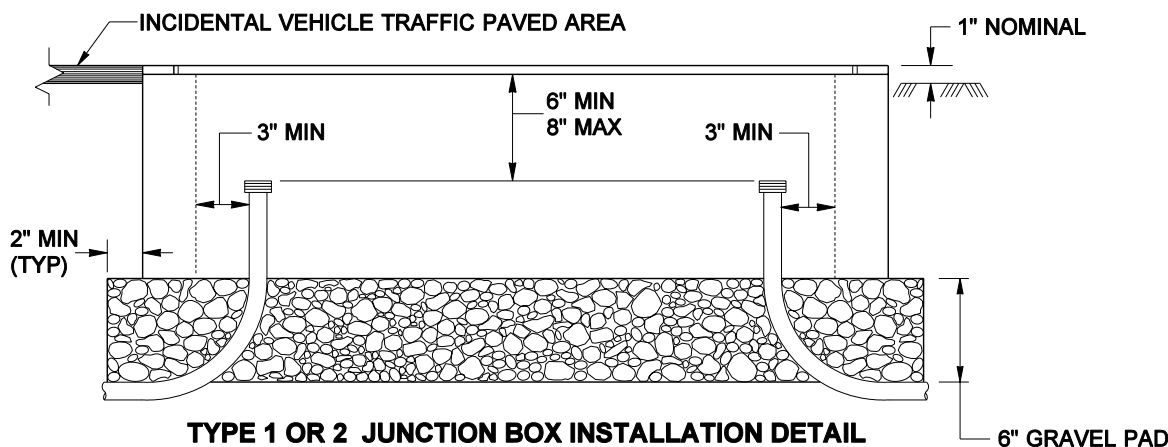
JUNCTION BOX DIMENSION TABLE				
MARK	ITEM	BOX TYPE		
		TYPE 1	TYPE 2	TYPE 3
A	OUTSIDE LENGTH OF JUNCTION BOX	22"	33"	42"
B	OUTSIDE WIDTH OF JUNCTION BOX	17"	22 1/2"	30"
C	INSIDE LENGTH OF JUNCTION BOX	18"-19"	28"	36"
D	INSIDE WIDTH OF JUNCTION BOX	13"-14"	17"	24"
E	LID LENGTH	18"	26 1/2"	38"
F	LID WIDTH	13"	17"	26"
G	DEPTH OF JUNCTION BOX	12"	12"	12"
H	LID AND FRAME DEPTH	5/16"	5/16"	1/2"
J	MINIMUM WALL THICKNESS	1 1/2"	1 1/2"	3"
K	WELDED WIRE HOOP - SIZE NUMBER (SEE NOTE 6)	W 2.9 (6 GAGE)	W 2.9 (6 GAGE)	W 5 (3 GAGE)
L	WELDED WIRE FABRIC - SIZE (SEE NOTE 6)	4 X 4 W 2.9 X W 2.9 (6 GAGE)		
M	HANDLE	N/A	N/A	SEE DETAIL
N	FRAME SLOT MARK	N/A	N/A	SEE DETAIL
O	HOOK	SEE DETAIL	SEE DETAIL	SEE DETAIL
P	LID HOOD MARK	N/A	N/A	SEE DETAIL
Q	OUTSIDE LENGTH OF FOUNDATION	N/A	N/A	48"
R	OUTSIDE WIDTH OF FOUNDATION	N/A	N/A	36"
S	INSIDE LENGTH OF FOUNDATION	N/A	N/A	36"
T	INSIDE WIDTH OF FOUNDATION	N/A	N/A	20"
U	MINIMUM FOUNDATION DEPTH	N/A	N/A	3"
V	WELDED WIRE HOOP - SIZE NUMBER	N/A	N/A	W 5 (3 GAGE)
	CAPACITY - CONDUIT DIAMETERS	6"	12"	24"
	NOTE: A 1% TOLERANCE IS ALLOWED			



FRAME SLOT MARK (MARK N)



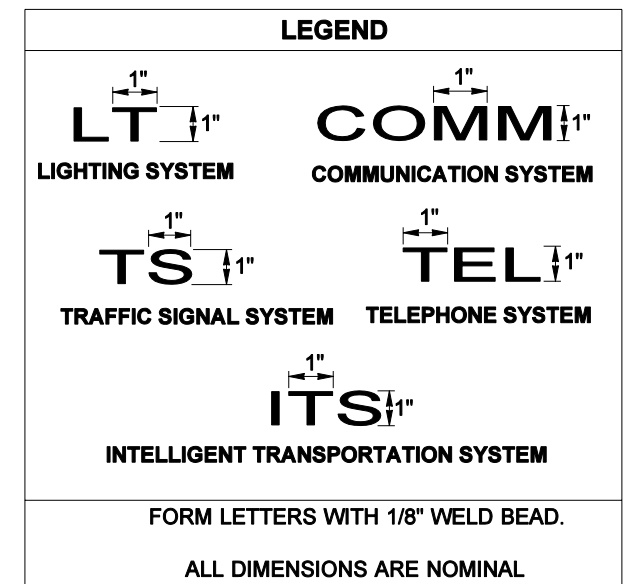
LID HOOD MARK DETAIL (MARK P)



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

NOTES:

1. All box dimensions are nominal. Exact configurations vary among different manufacturers.
2. The noted lid thicknesses are overall minimums. The diamond pattern for Type 1 or 2 boxes shall be 28% minimum of overall thickness. The diamond pattern for Type 3 boxes shall have a minimum thickness of 3/32 ".
3. Lid support members shall be 3/16 " min. thick steel C, L or T shape welded to the frame.
4. When specified in the Contract, Type 2 and Type 3 boxes shall be provided with 12" deep extension boxes.
5. A 1/4" NC x 3/4" Stainless Steel Ground Stud with S.S. Nut shall be welded to the bottom of the lid.
6. See the Standard Specifications for alternate use of reinforcement.



EXPIRES OCTOBER 26, 2002

STANDARD JUNCTION BOX STANDARD PLAN J-11a

APPROVED FOR PUBLICATION

Harold J. Peterfeso 09-12-01

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation